

Title (en)

Cutting inserts with cross-holes and green bodies and methods for making such cutting inserts and green bodies

Title (de)

Schneideinsätze mit Querbohrungen und Grünkörper sowie Verfahren zur Herstellung solcher Schneideinsätze und Grünkörper

Title (fr)

Inserts de coupe avec trous transversaux et corps verts et procédés de fabrication de tels inserts de coupe et corps verts

Publication

**EP 2886232 B1 20160316 (EN)**

Application

**EP 13198902 A 20131220**

Priority

EP 13198902 A 20131220

Abstract (en)

[origin: EP2886232A1] A green body for a cross-hole, compacted cutting insert includes a first side, a second side, and a side surface extending between the first side and the second side entirely around the first side and the second side. The green body comprises a quadrilateral-shaped cross-hole extending through the green body from a first location on the side surface to a second location on the side surface on an opposite side of the green body from the first location. The quadrilateral-shape of the cross-hole can assist in achieving a more uniform density of compactable material in the green body. A cutting insert, equipment for making a green body, and a method for making a green body are also disclosed.

IPC 8 full level

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CPC (source: EP KR US)

**B22F 5/10** (2013.01 - EP KR US); **B28B 3/086** (2013.01 - US); **B30B 11/007** (2013.01 - EP KR US); **B30B 15/02** (2013.01 - EP KR US); **B30B 15/065** (2013.01 - EP KR US); **C04B 35/5626** (2013.01 - US); **C04B 35/64** (2013.01 - US); **B22F 2003/033** (2013.01 - EP KR US); **B22F 2005/001** (2013.01 - EP KR US); **B23B 2200/3618** (2013.01 - EP KR US); **B23C 2200/361** (2013.01 - EP KR US); **B32B 3/266** (2013.01 - US); **Y10T 428/24298** (2015.01 - EP US)

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